



U.S. Patent Application Serial No. 10/525,954
Amendment filed September 14, 2006
Reply to OA dated June 16, 2006

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended): A control device comprising a valve case having a fluid channel, a casing provided on an upper portion of the valve case, a valve stem disposed inside the casing and reciprocatingly movable upward and downward to cause a valve element to open or close the fluid channel, a piston upwardly or downwardly movably provided inside the casing to define a compressed air admitting space along with a top wall of the casing, and booster means for transmitting a force acting on the piston to the valve stem on amplification,

the control device being characterized in that the booster means comprises at least one pivotal member supported by the casing so as to hold an outer end and an inner end thereof in contact with an outer peripheral portion of the piston and a flange portion formed on the valve stem respectively from below and to be pivotally movable about a horizontal rod positioned closer to the inner end, metal bellows being provided between an outer peripheral portion of the casing top wall and the outer peripheral portion of the piston for sealing off the compressed air admitting space, and

the inner end of each pivotal member has an indented portion facing upward, and a pin rollably provided in the indented portion is adapted to contact the flange portion of the valve stem.